

SEQUENCE LISTING

<110> SUNTORY LIMITED

<120> Light Repressible Promoter

<130> YCT-483

<150> JP Hei 11-66551

<151> 1999-3-12

<160> 40

<210> 1

<211> 12

<212> DNA

<213> Pisum sativum cv. ~~Alaska~~

<223> Nucleotide sequence for a core region of light repressible promoter from the pea small GTPase gene

<400> 1

ggattttaca gt

12

<210> 2.

<211> 93

<212> DNA

<213> Pisum sativum cv. Alaska

<223> Nucleotide sequence for a cis element of light repressible promoter from the pea small GTPase gene

<400> 2

aaaagtaaca catatTTTga taaatttatt actaaaacta\TTTTctagta cttgttaatc 60

atgtctgagg attttacagt aataaagaaa cga 93

<210> 3

<211> 2325

<212> DNA

<213> pisum sativum cv. Alaska

<223> Nucleotide sequence for a light repressible promoter from the
pea small GTPase gene

<400> 3

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ttttattctt atcttcataa ataacttttc ctattccaaa aacacatcaa agttatgtga 120
ttcatatctt taattatctg ataatatata attgtatatt caatatttca tacaattgtg 180
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ttccccact taacttcttg gtttgggtga ggacttcctt tacaatttat actctaagga 360
aatacattag aactctaga tgggttgcac tagctcatat atttttaagt aataataccc 420
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tcaagaagac ttttgacaca aggagtcggt cccttactcg aaccagactc tgataccatt 1260
aatagatcac tttgaatgga tatcattcat actatatcaa acatttacgt aaagataaaa 1320
aattcaccca acaaatgag agagacacta catctctctt attatattaa taaaatgtaa 1380
agaaaaatat agtataaaag taacacatat ttgtataaat ttattactaa aactatttct 1440

<400> 5

ggtccatggt cttgtcaaga tc

22

<210> 6

<211> 21

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL1 in Example 3

<400> 6

gggaagcttt aaaggcaagg g

21

<210> 7

<211> 23

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL3 in Example 3

<400> 7

acgtaaagct taaaaattca ccc

23

<210> 8

<211> 25

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL4 in Example 3

<400> 8

aaataaagct taaaagtaac acata

25

<210> 9

<211> 27

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL4B in Example 3

<400> 9

gtactgcagt cagacatgat taacaag

27

<210> 10

<211> 24

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL5 in Example 3

<400> 10

aaagaagctt ggtagcccaa acaa

24

<210> 11

<211> 30

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing LS1 in Example 3

<400> 11

aagcttctgc agggatttta cagtaataaa

30

<210> 12

<211> 35

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing LS2 in Example 3

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aagcttgtct gactgcagta cagtaataaa gaaac

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<223> Primer used for preparing PL2 in Example 3

<400> 16

tcaatgggac acgctgcctg accaccatgt

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<210> 17

<211> 31

<212> DNA

<213> Artificial Sequence

<223> pUC19 primer used in Example 3

<400> 17

ggcgtaatca tggcatagc tgtttcctgt g

31

<210> 18

<211> 30

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL6 in Example 3

<400> 18

tgtcggtgca aaaaatgaaa ccccaaactt

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<210> 19

<211> 30

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL7 in Example 3

<400> 19

aatgtttatc ccttgcacac atttcacatc

30

<210> 20

<211> 25

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL8 in Example 3

<400> 20

gcaaaacatc acaacctcta gaaac

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<210> 21

<211> 39

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL4c in Example 3

<400> 21

gtttggctgc agtcgtttct ttattactgt aaaatcctc

39

<210> 22

<211> 39

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing PL4C in Example 3

<400> 22

caatactgca gtatatgtta tgatataata tgatgcagc

39

<210> 23

<211> 25

<212> DNA

<213> Artificial Sequence

<223> gF primer used for preparing gF1 in Example 3

<400> 23

tactgcagaa aagtaacaca tattt

25

<210> 24

<211> 31

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing gF1 in Example 3

<400> 24

tggtgatatt gtttagatat catattattg c

31

<210> 25

<211> 24

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing GF2 in Example 3

<400> 25

atgatatcca agggatttgg aaat

24

<210> 26

<211> 26

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing GF3 in Example 3

<400> 26

gtgatatcgg gataaacatt ttaagg

26

<210> 27

<211> 24

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing GF4 in Example 3

<400> 27

ttgatatccc gacaaagatc acac

24

<210> 28

<211> 24

<212> DNA

<213> Artificial Sequence

<223> Primer used for preparing gF5 in Example 3

<400> 28

gggatatctc gtttctttat tact

24

<210> 29

<211> 31

<212> DNA

<213> Artificial Sequence

<223> Synthetic DNA WT1 used in Example 8

<400> 29

gtctgaggat ttacagtaa taaagaaacg a

31

<210> 30

<211> 31

<212> DNA

<213> Artificial Sequence

<223> Synthetic DNA WT2 used in Example 8

<400> 30

tcgtttcttt attactgtaa aatcctcaga c

31

<210> 31

<211> 31

<212> DNA

<213> Artificial Sequence

<223> Synthetic DNA MT1 used in Example 8

<400> 31

gtctgaggct tttcccgtaa taaagaaacg a

31

<210> 32

<211> 31

<212> DNA

<213> Artificial Sequence

<223> Synthetic DNA MT2 used in Example 8

<400> 32

tcgtttcttt attacgggaa aagcctcaga c

31

<210> 33

<211> 55

<212> DNA

<213> Artificial Sequence

<223> Primer 35S46UP used in Example 9

<400> 33

aagcttggat ccctcgagct gcaggatatc gcaagaccct tcctctatat aagga

55

<210> 34

<211> 30

<212> DNA

<213> Artificial Sequence

<223> Primer KZ35SDW used in Example 9

SECRET

30

54

53

26

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<212> DNA

<213> Artificial Sequence

<223> Primer 18X9RMUP used in Example 9

<400> 38

agcggccgcc agtgtggata tcattactgt

30

<210> 39

<211> 54

<212> DNA

<213> Artificial Sequence

<223> Primer MT3 used in Example 9

<400> 39

tgaggctttt cccgtaattg aggcttttcc cgtaattgag gcttttcccg taat

54

<210> 40

<211> 54

<212> DNA

<213> Artificial Sequence

<223> Primer MT4 used in Example 9

<400> 40

attacgggaa aagcctcaat tacgggaaaa gcctcaatta cgggaaaagc ctca

54